

Machine Setup

To prepare the machine for use follow this procedure:

1. Familiarize yourself with the machine. Read all danger, warning, and caution statements and the Operator's Manual before operating the machine. If you or the operator are unable to read English, have this manual fully explained before attempting to operate this machine.
2. Install or replace pad. The pad should be replaced if it has become matted down to a thickness of 3/8" (9,5 mm) or less. To install or replace the pad, follow these instructions:
 - A. Lock handle in the upright position.
 - B. Tilt the machine back until it fully rests on the handle.
 - C. Standing over the machine, remove existing pad then center new pad over grip face.
 - D. Press pad against grip face until the hooks in the driver have set in the pad (see Figure 3).
 - E. Return machine to the upright position.



Figure 3



WARNING: Never put yourself or let others be in a position to get injured if the machine should tip or fall, while replacing the pad or changing abrasive.

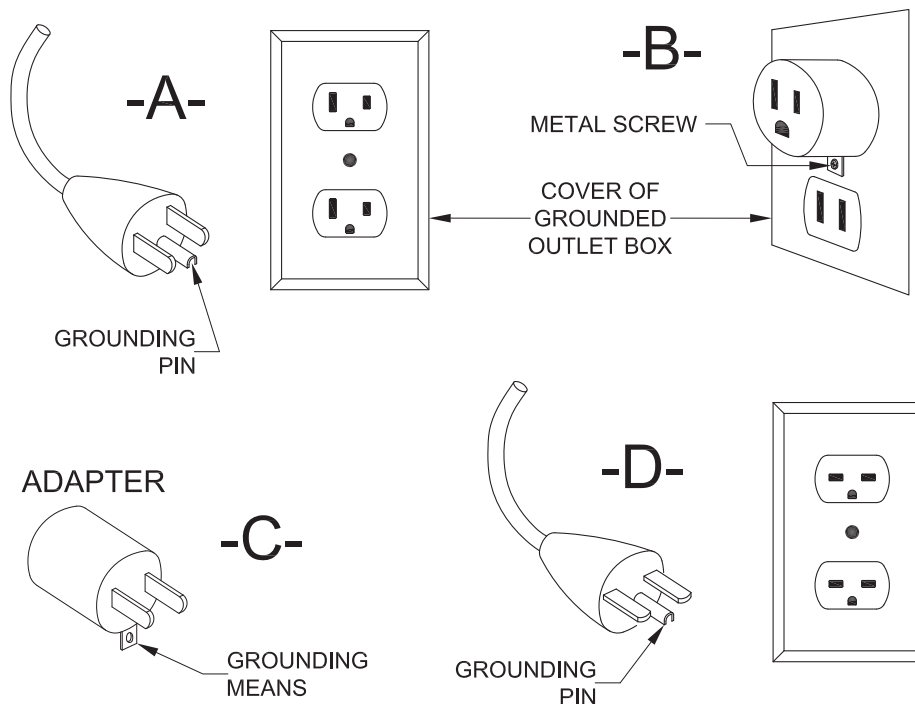


CAUTION: Damage to the grip face will occur if the machine is operated without a pad or with a pad that is 3/8" (9,5 mm) or thinner

Safety Instructions

This floor-finishing machine shall be grounded while in use to protect the operator from electrical shock. The machine is provided with a three-conductor cord and a three contact grounding attachment plug to fit the proper grounding type receptacle. The green (or green and yellow) conductor in the cord is the grounding wire. Never connect this wire to other than the grounding pin of the attachment plug.

This machine is for use on a nominal 120 volt circuit and has a grounding plug that resembles the plug illustrated as (A) in the sketch. Make sure that the machine is connected to an outlet having the same configuration as the plug. No adapter should be used with this machine.



Dust Collection

This sanding machine is designed to be operated with a remote vacuum dust collection system or with the included dust bag.

Preparing Remote Vacuum Dust Collection Systems

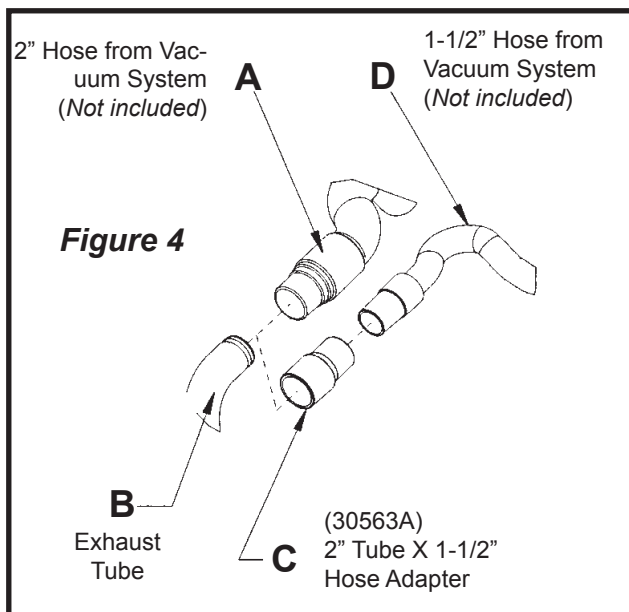
To prepare the machine for remote vacuum dust collection systems that have a 2" hose end, follow this procedure:

1. Install 2" hose end (*Figure 4 - A*) directly into the exhaust tube (*Figure 4 - B*).
2. The exhaust tube can be rotated for optimum convenience.

To prepare the machine for remote vacuum dust collection systems that have a 1-1/2" hose end, follow this procedure:

1. Install 2" Tube x 1-1/2" Hose Adapter onto the end of the 2" hose. (*Figure 4-C*)
2. Install Hose Adapter directly onto the exhaust tube.
3. The exhaust tube can be rotated for optimum convenience.

NOTE: Start the remote vacuum collection system before operation.

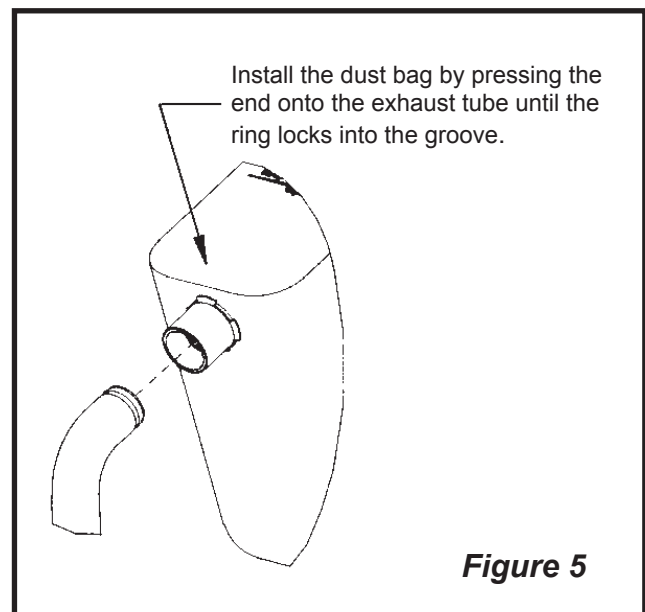


Preparing Using the Dust Bag

To prepare the machine for use with the included dust bag (Part No.53741A), follow this procedure:

1. Install the dust bag by pressing the end onto the exhaust tube until the ring locks into the groove (*Figure 5*). This is best done by pressing on the back of the bag opening with the palm of your hand.
2. The exhaust tube can be rotated for optimum convenience.
3. To remove the dust bag from the exhaust tube, pry up the end of the bag opening to partially release the internal rib from the groove, then pull.
4. To empty the dust bag, unzip the disposal flap and force contents out by inverting the bag.

NOTE: For best results, empty frequently. Follow all warnings posted in this manual and on the dust bag.



Operating Instructions - Sanding

To operate the machine as a sander follow this procedure:

1. Move machine to work location. Decide the best approach to sanding the desired area. When sanding the area, work so that you are moving away from the power supply. This will help to avoid entanglement with the power cord and reduce the need to move the power cord as frequently.
2. Install the abrasive (see *Sanding Cuts & Sandpaper*). Use the same procedure outlined in "MACHINE SETUP" for installing the pad, to install the abrasive. Peel the film off the back of the abrasive; center the abrasive over the pad and press it against the pad. The adhesive on the abrasive will hold it to the pad.

NOTE: When using screen abrasive, set the screen on the floor then move the machine over the screen. Lower the machine until the pad comes to rest on the screen. Make sure the screen is centered on the pad.

WARNING: Injury can occur if the machine is connected to a power source while installing the pad or abrasive. Disconnect the machine before installing the pad/abrasive.

3. Connect the machine to an appropriately fused and grounded circuit.
4. Release the handle by pressing up on the locking lever. Bring the handle to a comfortable position.

CAUTION: Do not lock the handle. Locking the handle will prevent the machine from resting evenly on the pad and diminish the machine performance and reliability.

5. Push the interlock button (1), and apply pressure to the levers (2). To stop the machine, release the levers (2) (see Figure 6).

CAUTION: To prevent damage to the flooring and to reduce swirling, keep the machine in motion while the motor is running.

Operating Instructions - Polishing

To operate the machine as a polisher follow this procedure:

WARNING: Injury can occur if the machine is connected to a power source while installing the pad or abrasive. Disconnect the machine before installing the pad/abrasive.

1. Connect the machine to an appropriately fused and grounded circuit.
2. Release the handle by pressing up on the locking lever. Bring the handle to a comfortable position.

CAUTION: Do not lock the handle. Locking the handle will prevent the machine from resting evenly on the pad and diminish the machine performance and reliability.

3. Push the interlock button (1), and apply pressure to the levers (2). To stop the machine, release the levers (2) (see Figure 6).

CAUTION: To prevent damage to the flooring and to reduce swirling, keep the machine in motion while the motor is running.

Sanding Cuts & Sandpaper

Initial Cut:

The purpose of the initial cut is to remove old finish and gross imperfections on the floor surface. Use a course (20-36 grit) grain abrasive.

Final Cuts:

The purpose of a finishing cut is to remove the scratches produced during the initial cut. Use a fine (60-80 grit) grain abrasive. If the surface remains rough after a finishing cut, it may be necessary to use an even finer grain of abrasive (80-100grit). Care should be taken in selecting the grit size of the abrasive. A very fine grain will close the pores on a wood floor making admission of a stain difficult. If glazing or burning should occur the abrasive has dulled and must be replaced.

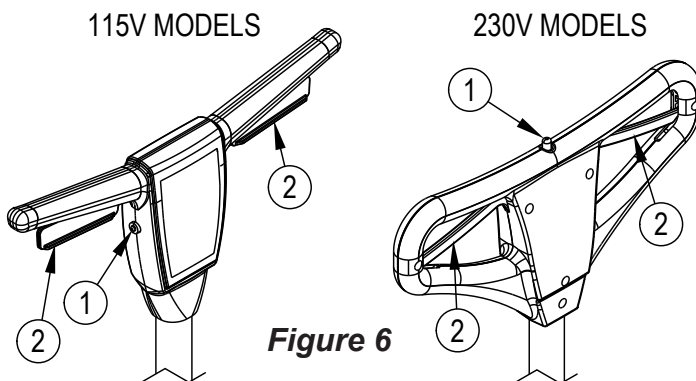


Figure 6